RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _____ 10/597,591 _____
Source: _____ IFWO _____
Date Processed by STIC: _____ 08/08/2006 _____

ENTERED

IFWO

RAW SEQUENCE LISTING   DATE: 08/08/2006
PATENT APPLICATION: US/10/597,591   TIME: 08:27:19

Input Set : **A:\20010-21USA.ST25.txt**
Output Set: **N:\CRF4\08082006\J597591.raw**

```
 2 <110> APPLICANT: POSCO
 3        POSTECH Foundation
 4        POSTECH ACADEMY-INDUSTRY FOUNDATION
 5        SUH, Pann-Ghill
 6        BAE, Yoe-Sik
 7        RYU, Sung Ho
 8        LEE, Tae Hoon
10 <120> TITLE OF INVENTION: PEPTIDES THAT ANTAGONIZE FPR CLASS RECEPTOR MEDIATED
SIGNALING
12 <130> FILE REFERENCE: 20010-21USA
14 <140> CURRENT APPLICATION NUMBER: US 10/597,591
15 <141> CURRENT FILING DATE: 2006-07-31
17 <150> PRIOR APPLICATION NUMBER: US 60/541,730
18 <151> PRIOR FILING DATE: 2004-02-04
20 <150> PRIOR APPLICATION NUMBER: PCT/KR2005/000329
21 <151> PRIOR FILING DATE: 2005-02-03
23 <160> NUMBER OF SEQ ID NOS: 36
25 <170> SOFTWARE: KopatentIn 1.71
27 <210> SEQ ID NO: 1
28 <211> LENGTH: 9
29 <212> TYPE: PRT
30 <213> ORGANISM: Artificial Sequence
32 <220> FEATURE:
33 <223> OTHER INFORMATION: Synthetic
36 <400> SEQUENCE: 1
37 Met Tyr Phe Ile Asn Ile Leu Thr Leu
38   1               5
41 <210> SEQ ID NO: 2
42 <211> LENGTH: 6
43 <212> TYPE: PRT
44 <213> ORGANISM: Artificial Sequence
46 <220> FEATURE:
47 <223> OTHER INFORMATION: Synthetic
50 <400> SEQUENCE: 2
51 Trp Lys Tyr Met Val Met
52   1               5
55 <210> SEQ ID NO: 3
56 <211> LENGTH: 6
57 <212> TYPE: PRT
58 <213> ORGANISM: Artificial Sequence
60 <220> FEATURE:
61 <223> OTHER INFORMATION: Synthetic
64 <220> FEATURE:
65 <221> NAME/KEY: PEPTIDE
```

C(pg-6)

```
 66 <222> LOCATION: (6)
 67 <223> OTHER INFORMATION: Xaa is m or D-Met while M is L-Met
 70 <400> SEQUENCE: 3
```
W--> 71 **Trp Lys Tyr Met Val Xaa**
```
 72    1                5
 75 <210> SEQ ID NO: 4
 76 <211> LENGTH: 6
 77 <212> TYPE: PRT
 78 <213> ORGANISM: Artificial Sequence
 80 <220> FEATURE:
 81 <223> OTHER INFORMATION: Synthetic
 84 <400> SEQUENCE: 4
 85 Trp Arg Trp Trp Trp Trp
 86    1                5
 89 <210> SEQ ID NO: 5
 90 <211> LENGTH: 6
 91 <212> TYPE: PRT
 92 <213> ORGANISM: Artificial Sequence
 94 <220> FEATURE:
 95 <223> OTHER INFORMATION: Synthetic
 98 <400> SEQUENCE: 5
 99 Arg Arg Trp Trp Trp Trp
100    1                5
103 <210> SEQ ID NO: 6
104 <211> LENGTH: 6
105 <212> TYPE: PRT
106 <213> ORGANISM: Artificial Sequence
108 <220> FEATURE:
109 <223> OTHER INFORMATION: Synthetic
112 <400> SEQUENCE: 6
113 Arg His Trp Trp Trp Trp
114    1                5
117 <210> SEQ ID NO: 7
118 <211> LENGTH: 3
119 <212> TYPE: PRT
120 <213> ORGANISM: Artificial Sequence
122 <220> FEATURE:
123 <223> OTHER INFORMATION: Synthetic
126 <400> SEQUENCE: 7
127 Trp Arg Trp
128    1
131 <210> SEQ ID NO: 8
132 <211> LENGTH: 6
133 <212> TYPE: PRT
134 <213> ORGANISM: Artificial Sequence
136 <220> FEATURE:
137 <223> OTHER INFORMATION: Synthetic
140 <400> SEQUENCE: 8
141 Asp Arg Trp Trp Trp Trp
```

```
                RAW SEQUENCE LISTING              DATE: 08/08/2006
                PATENT APPLICATION: US/10/597,591  TIME: 08:27:19

                Input Set : A:\20010-21USA.ST25.txt
                Output Set: N:\CRF4\08082006\J597591.raw

    142  1              5
    145  <210> SEQ ID NO: 9
    146  <211> LENGTH: 6
    147  <212> TYPE: PRT
    148  <213> ORGANISM: Artificial Sequence
    150  <220> FEATURE:
    151  <223> OTHER INFORMATION: Synthetic
    154  <400> SEQUENCE: 9
    155  Asp Arg Trp Trp Trp Trp
    156  1              5
    159  <210> SEQ ID NO: 10
    160  <211> LENGTH: 5
    161  <212> TYPE: PRT
    162  <213> ORGANISM: Artificial Sequence
    164  <220> FEATURE:
    165  <223> OTHER INFORMATION: Synthetic BOC-Phe-Leu-Phe-Leu-Phe-OH
    168  <400> SEQUENCE: 10
    169  Phe Leu Phe Leu Phe
    170  1              5
    173  <210> SEQ ID NO: 11
    174  <211> LENGTH: 5
    175  <212> TYPE: PRT
    176  <213> ORGANISM: Artificial Sequence
    178  <220> FEATURE:
    179  <223> OTHER INFORMATION: Synthetic isopropylureido-Phe-Leu-Phe-Leu-Phe-OH
    182  <400> SEQUENCE: 11
    183  Phe Leu Phe Leu Phe
    184  1              5
    187  <210> SEQ ID NO: 12
    188  <211> LENGTH: 6
    189  <212> TYPE: PRT
    190  <213> ORGANISM: Artificial Sequence
    192  <220> FEATURE:
    193  <223> OTHER INFORMATION: Synthetic
    196  <220> FEATURE:
    197  <221> NAME/KEY: PEPTIDE
    198  <222> LOCATION: (1)
    199  <223> OTHER INFORMATION: Xaa can be Asp, Arg or Trp.
    202  <220> FEATURE:
    203  <221> NAME/KEY: PEPTIDE
    204  <222> LOCATION: (2)
    205  <223> OTHER INFORMATION: Xaa can be His, Lys or Arg.
    208  <400> SEQUENCE: 12
W--> 209  Xaa Xaa Arg Trp Trp Met
    210  1              5
    213  <210> SEQ ID NO: 13
    214  <211> LENGTH: 6
    215  <212> TYPE: PRT
    216  <213> ORGANISM: Artificial Sequence
```

RAW SEQUENCE LISTING   DATE: 08/08/2006
PATENT APPLICATION: US/10/597,591   TIME: 08:27:19

Input Set : A:\20010-21USA.ST25.txt
Output Set: N:\CRF4\08082006\J597591.raw

```
    218 <220> FEATURE:
    219 <223> OTHER INFORMATION: Synthetic
    222 <220> FEATURE:
    223 <221> NAME/KEY: PEPTIDE
    224 <222> LOCATION: (1)
    225 <223> OTHER INFORMATION: Xaa can be Asp, Arg or Trp.
    228 <220> FEATURE:
    229 <221> NAME/KEY: PEPTIDE
    230 <222> LOCATION: (2)
    231 <223> OTHER INFORMATION: Xaa can be His, Lys or Arg.
    234 <400> SEQUENCE: 13
W--> 235 Xaa Xaa Arg Trp Trp Trp
    236    1                 5
    239 <210> SEQ ID NO: 14
    240 <211> LENGTH: 6
    241 <212> TYPE: PRT
    242 <213> ORGANISM: Artificial Sequence
    244 <220> FEATURE:
    245 <223> OTHER INFORMATION: Synthetic
    248 <220> FEATURE:
    249 <221> NAME/KEY: PEPTIDE
    250 <222> LOCATION: (1)
    251 <223> OTHER INFORMATION: Xaa can be Asp, Arg or Trp.
    254 <220> FEATURE:
    255 <221> NAME/KEY: PEPTIDE
    256 <222> LOCATION: (2)
    257 <223> OTHER INFORMATION: Xaa can be His, Lys or Arg.
    260 <400> SEQUENCE: 14
W--> 261 Xaa Xaa Trp Trp Trp Met
    262    1                 5
    265 <210> SEQ ID NO: 15
    266 <211> LENGTH: 6
    267 <212> TYPE: PRT
    268 <213> ORGANISM: Artificial Sequence
    270 <220> FEATURE:
    271 <223> OTHER INFORMATION: Synthetic
    274 <220> FEATURE:
    275 <221> NAME/KEY: PEPTIDE
    276 <222> LOCATION: (1)
    277 <223> OTHER INFORMATION: Xaa can be Asp, Arg or Trp.
    280 <220> FEATURE:
    281 <221> NAME/KEY: PEPTIDE
    282 <222> LOCATION: (2)
    283 <223> OTHER INFORMATION: Xaa can be His, Lys or Arg.
    286 <400> SEQUENCE: 15
W--> 287 Xaa Xaa Trp Trp Trp Trp
    288    1                 5
    291 <210> SEQ ID NO: 16
    292 <211> LENGTH: 6
```

RAW SEQUENCE LISTING   DATE: 08/08/2006
PATENT APPLICATION: US/10/597,591   TIME: 08:27:19

Input Set : A:\20010-21USA.ST25.txt
Output Set: N:\CRF4\08082006\J597591.raw

```
    293 <212> TYPE: PRT
    294 <213> ORGANISM: Artificial Sequence
    296 <220> FEATURE:
    297 <223> OTHER INFORMATION: Synthetic
    300 <220> FEATURE:
    301 <221> NAME/KEY: PEPTIDE
    302 <222> LOCATION: (1)
    303 <223> OTHER INFORMATION: Xaa is w or D-Trp while W is L-Trp.
    306 <400> SEQUENCE: 16
W--> 307 Xaa Trp Arg Trp Trp Met
    308    1                 5
    311 <210> SEQ ID NO: 17
    312 <211> LENGTH: 6
    313 <212> TYPE: PRT
    314 <213> ORGANISM: Artificial Sequence
    316 <220> FEATURE:
    317 <223> OTHER INFORMATION: Synthetic
    320 <400> SEQUENCE: 17
    321 Trp Trp Arg Trp Trp Trp
    322    1                 5
    325 <210> SEQ ID NO: 18
    326 <211> LENGTH: 6
    327 <212> TYPE: PRT
    328 <213> ORGANISM: Artificial Sequence
    330 <220> FEATURE:
    331 <223> OTHER INFORMATION: Synthetic
    334 <400> SEQUENCE: 18
    335 Trp Trp Arg Trp Trp Met
    336    1                 5
    339 <210> SEQ ID NO: 19
    340 <211> LENGTH: 6
    341 <212> TYPE: PRT
    342 <213> ORGANISM: Artificial Sequence
    344 <220> FEATURE:
    345 <223> OTHER INFORMATION: Synthetic
    348 <220> FEATURE:
    349 <221> NAME/KEY: PEPTIDE
    350 <222> LOCATION: (1)
    351 <223> OTHER INFORMATION: Xaa is w or D-Trp while W is L-Trp.
    354 <400> SEQUENCE: 19
W--> 355 Xaa Trp Arg Trp Trp Trp
    356    1                 5
    359 <210> SEQ ID NO: 20
    360 <211> LENGTH: 6
    361 <212> TYPE: PRT
    362 <213> ORGANISM: Artificial Sequence
    364 <220> FEATURE:
    365 <223> OTHER INFORMATION: Synthetic
    368 <400> SEQUENCE: 20
```

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 08/08/2006
PATENT APPLICATION: US/10/597,591   TIME: 08:27:20

Input Set : A:\20010-21USA.ST25.txt
Output Set: N:\CRF4\08082006\J597591.raw

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:3; Xaa Pos. 6
Seq#:12; Xaa Pos. 1,2
Seq#:13; Xaa Pos. 1,2
Seq#:14; Xaa Pos. 1,2
Seq#:15; Xaa Pos. 1,2
Seq#:16; Xaa Pos. 1
Seq#:19; Xaa Pos. 1
Seq#:32; Xaa Pos. 6
Seq#:35; Xaa Pos. 4
Seq#:36; Xaa Pos. 4

VERIFICATION SUMMARY   DATE: 08/08/2006
PATENT APPLICATION: **US/10/597,591**   TIME: 08:27:20

Input Set : **A:\20010-21USA.ST25.txt**
Output Set: **N:\CRF4\08082006\J597591.raw**

```
L:71 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:209 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0
L:235 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0
L:261 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0
L:287 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0
L:307 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0
L:355 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0
L:543 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0
L:591 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:0
L:611 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:0
```